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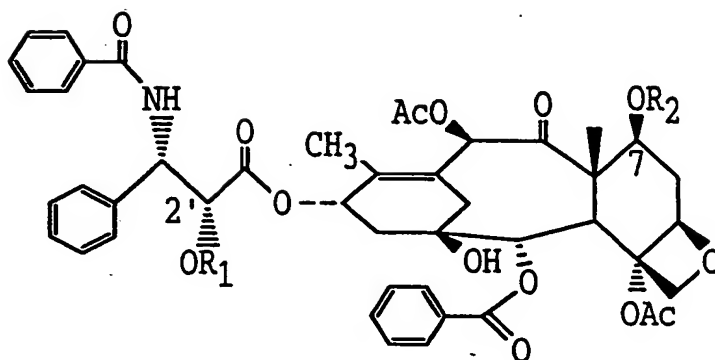
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Title: WATER SOLUBLE PACLITAXEL  
DERIVATIVES

Inventor(s): Chun LI et al.

Filed April 19, 2004



Paclitaxel:  $R_1=R_2=H$

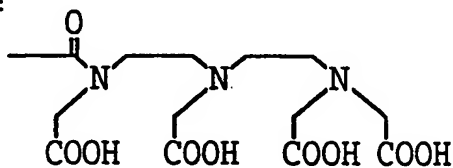
PEG-Paclitaxel:

$R_1=-COCH_2CH_2CONHCH_2CH_2(OCH_2CH_2)_nOCH_3$   
 $R_2=H$

7-DTPA-paclitaxel:

$R_1=H$

$R_2=$



2'-DTPA-paclitaxel:

$R_1=$

$R_2=H$

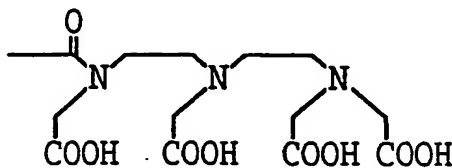


FIG. 1A

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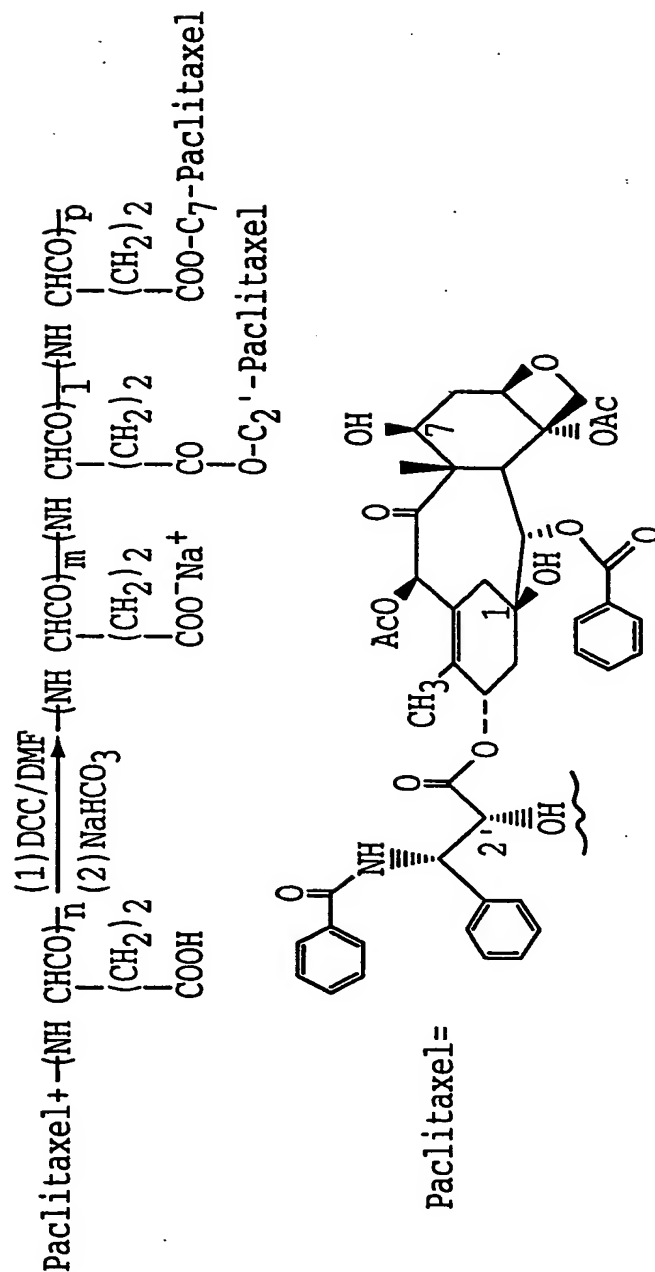


FIG. 1B

Title: WATER SOLUBLE PACLITAXEL  
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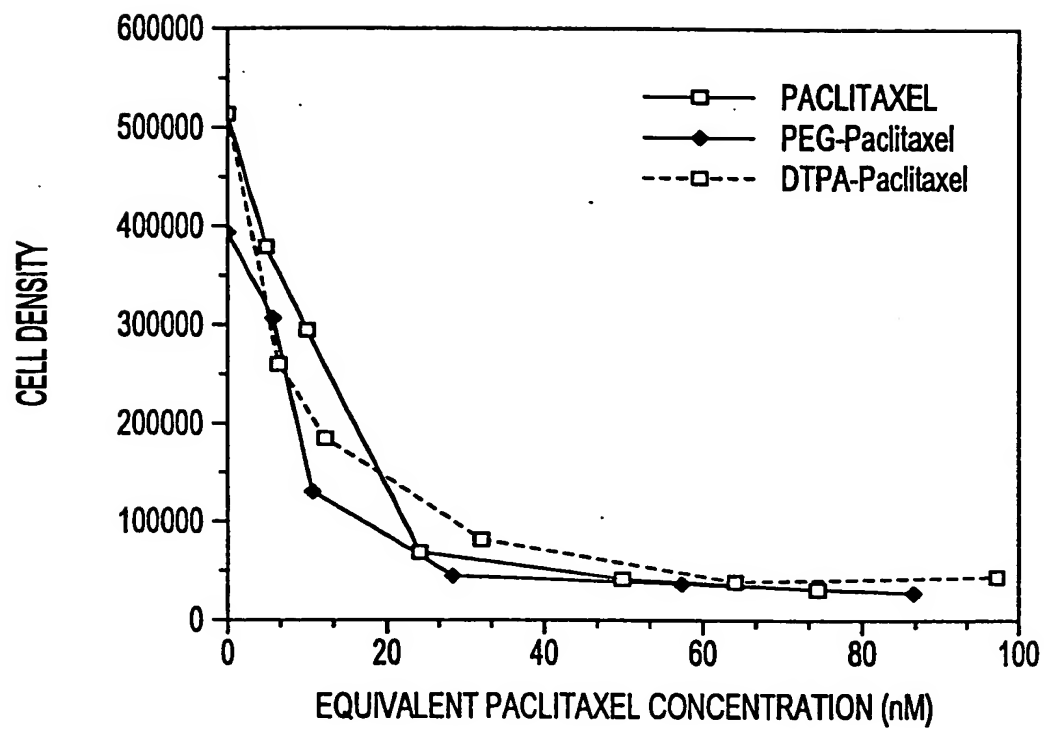


FIG. 2

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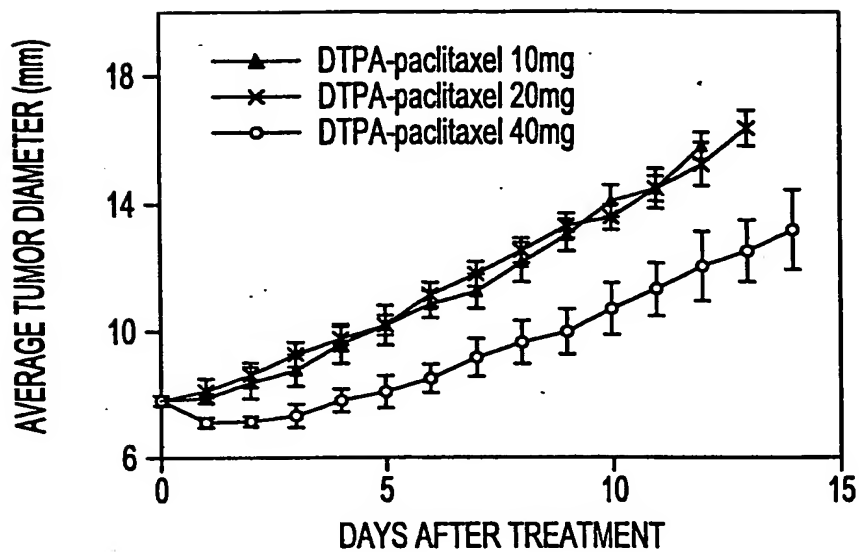


FIG. 3

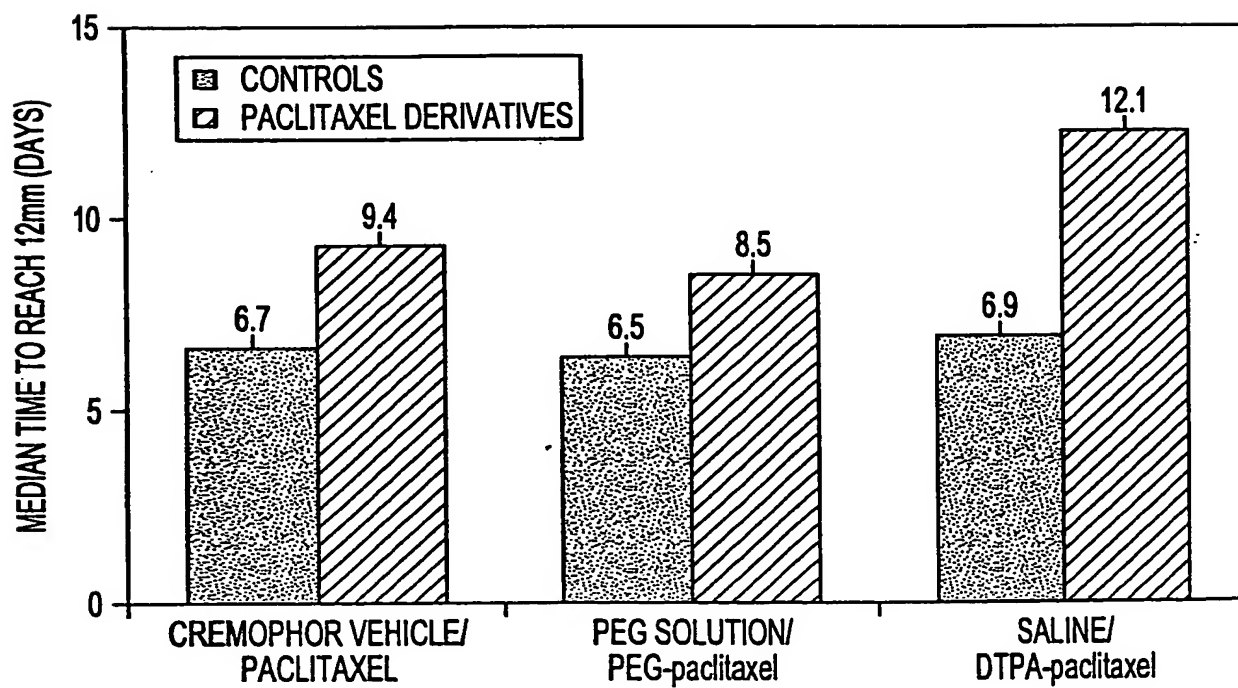


FIG. 4

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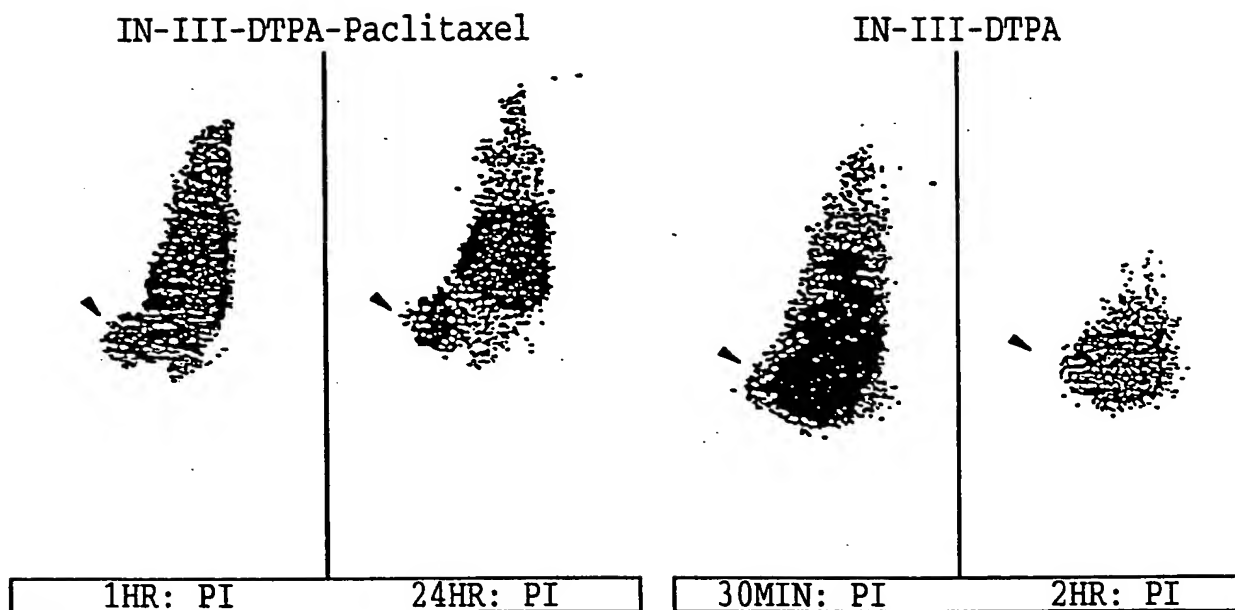


FIG. 5

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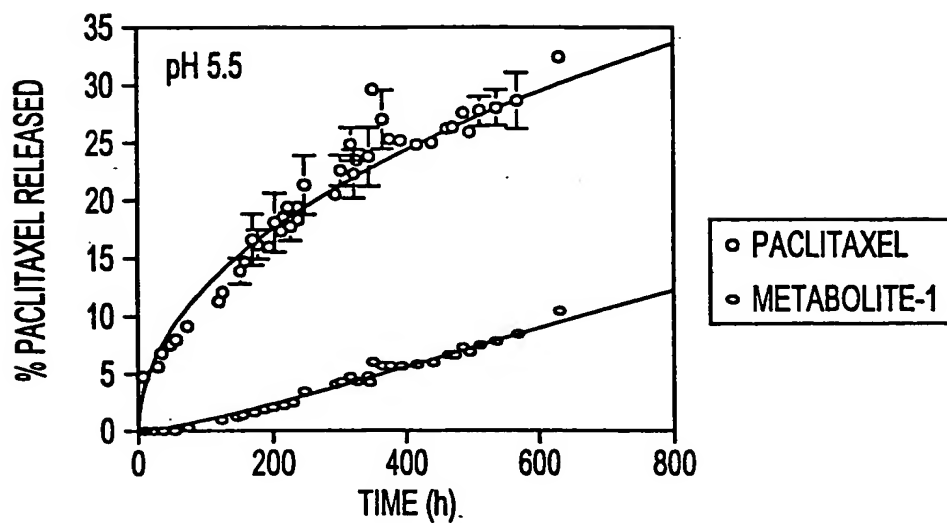


FIG. 6A

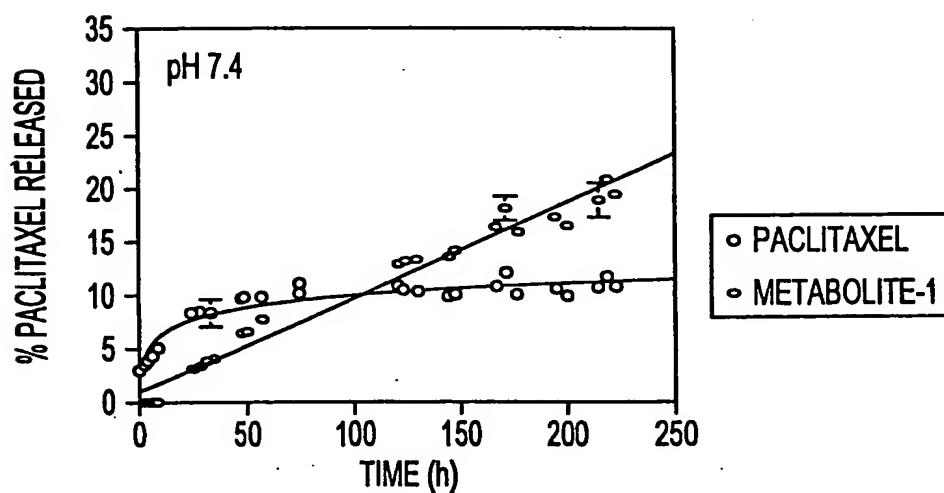


FIG. 6B

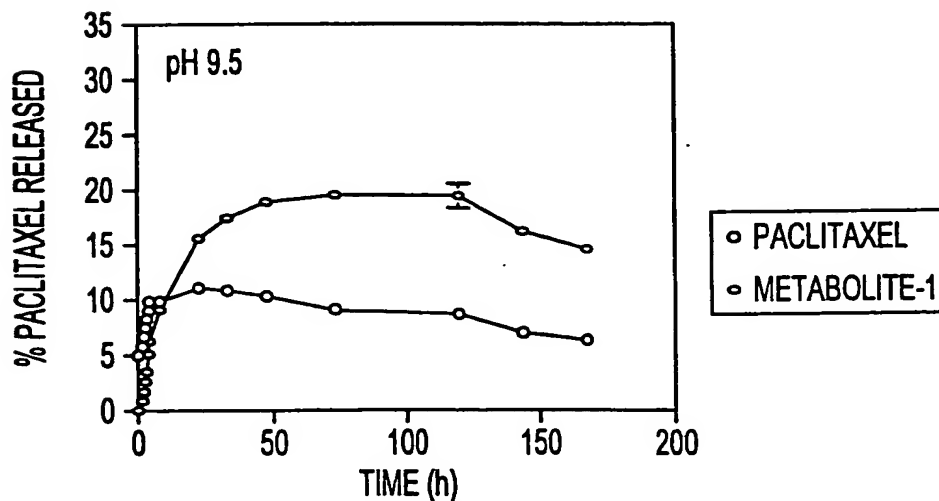


FIG. 6C

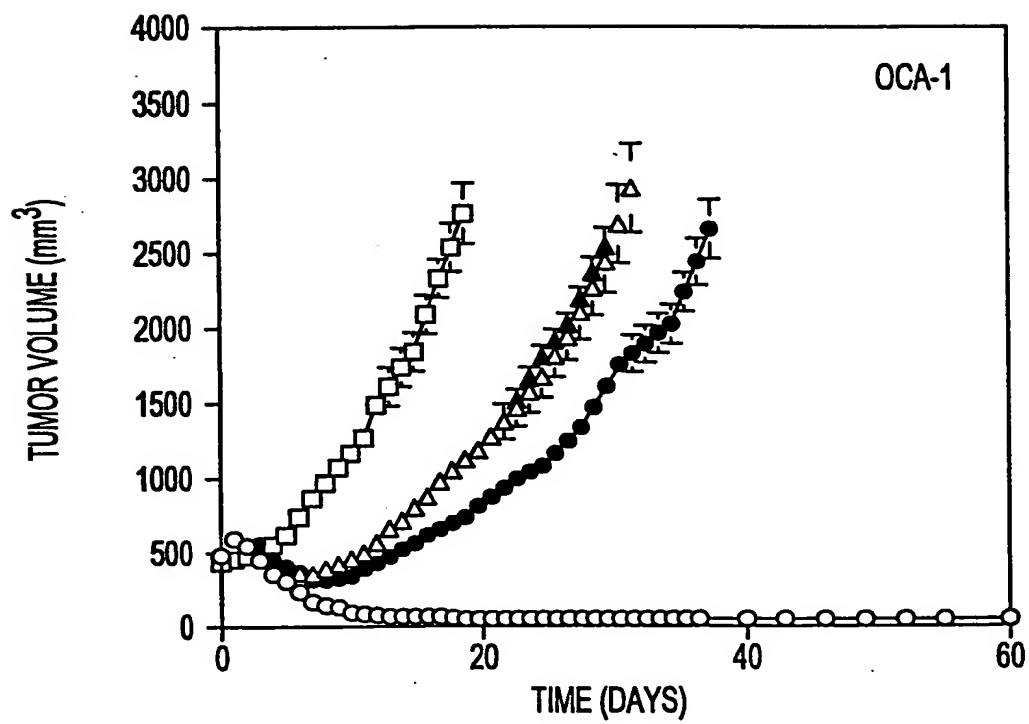


FIG. 7A



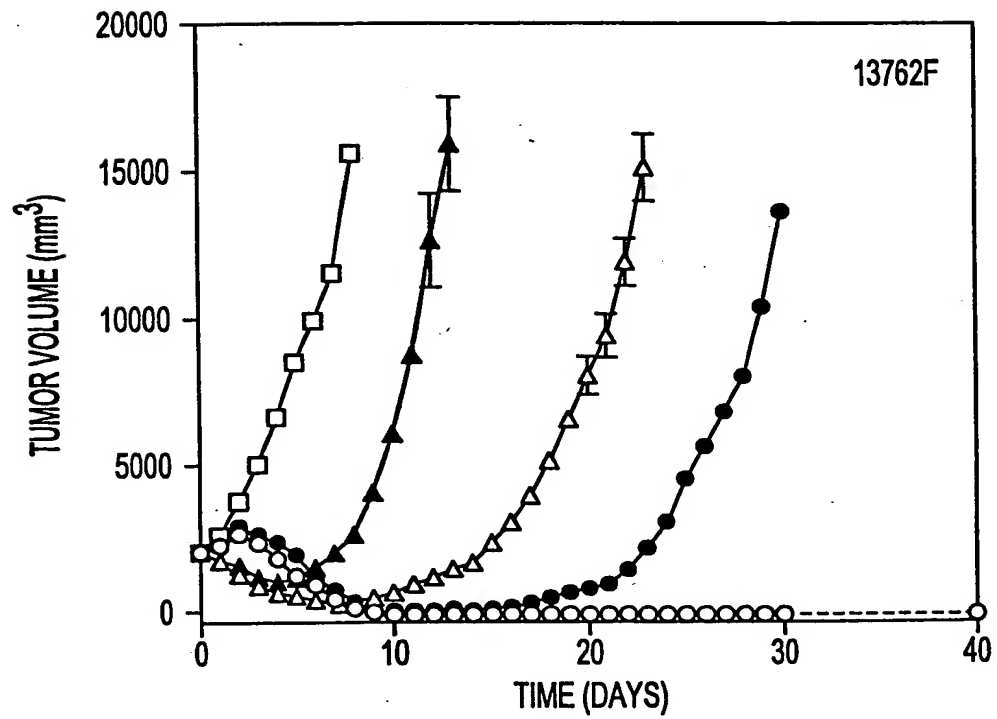


FIG. 7B

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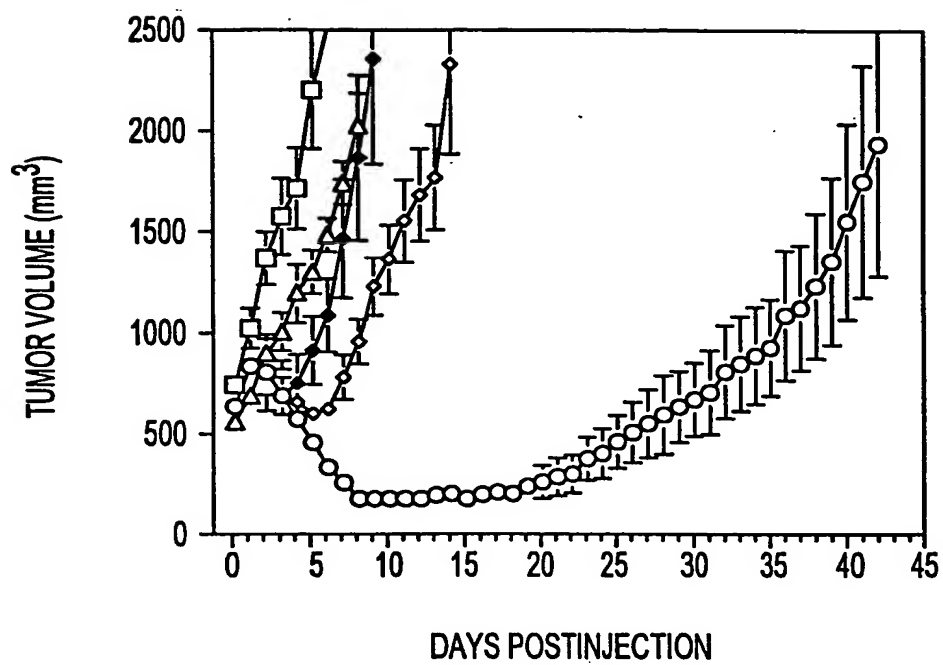


FIG. 7C

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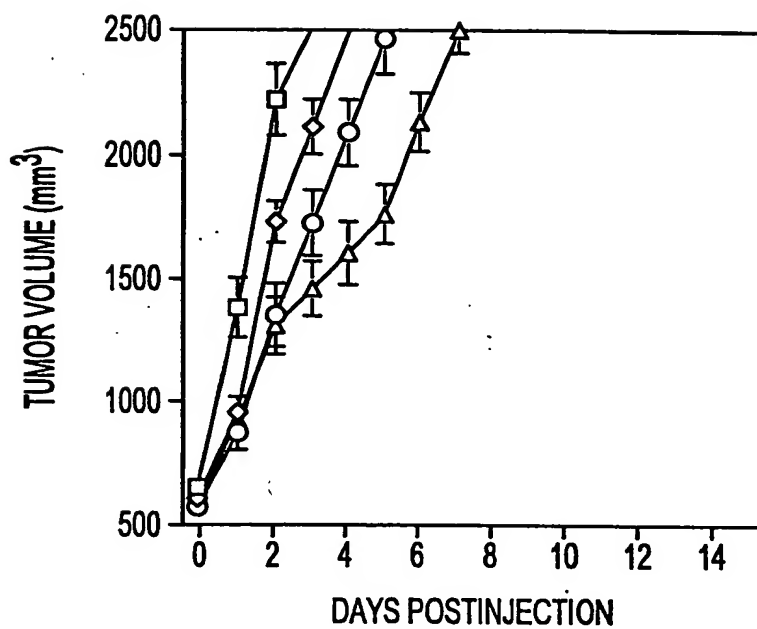


FIG. 7D

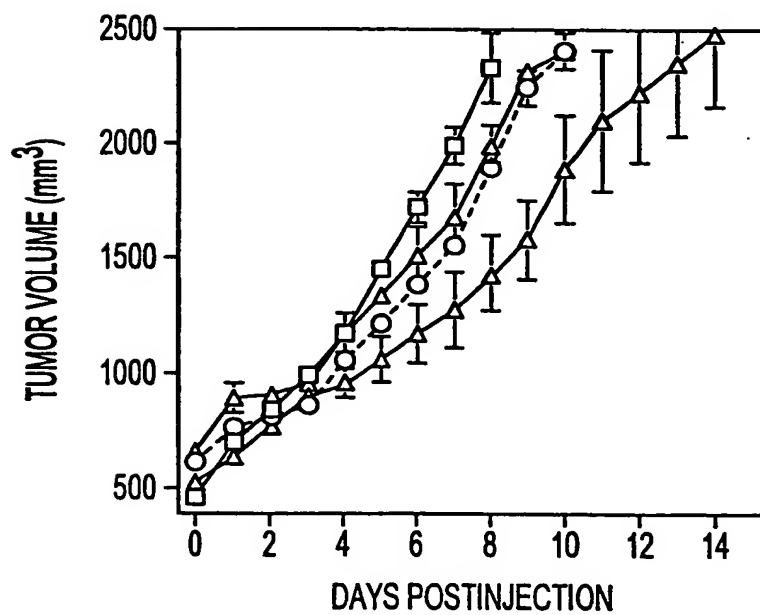


FIG. 7E

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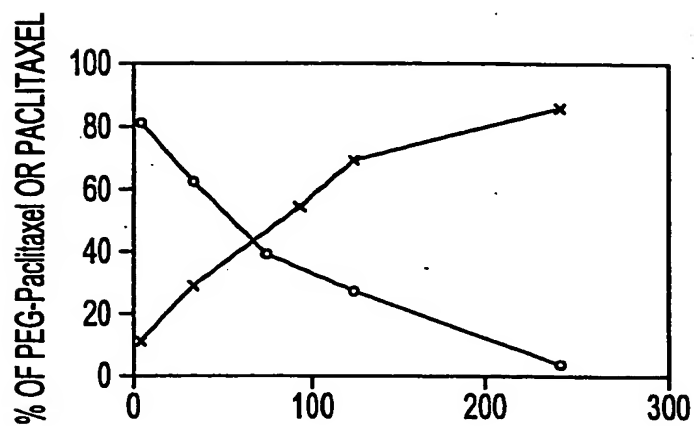


FIG. 8

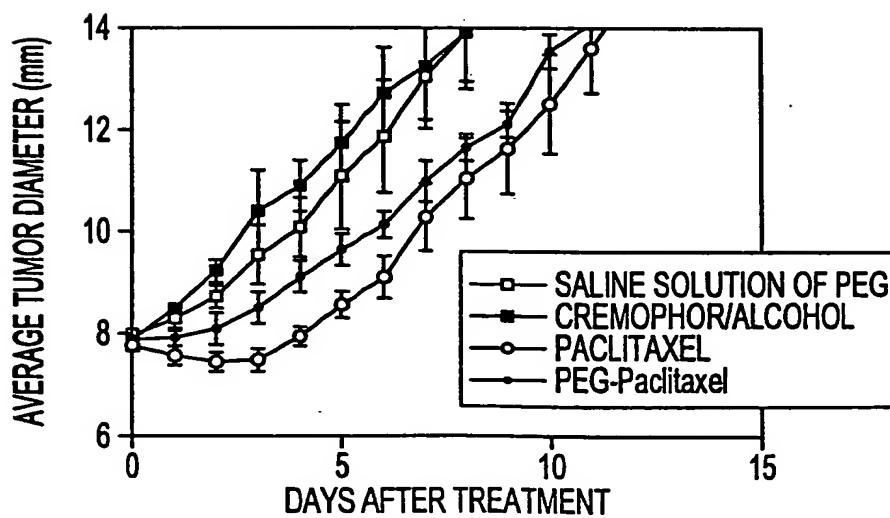


FIG. 9

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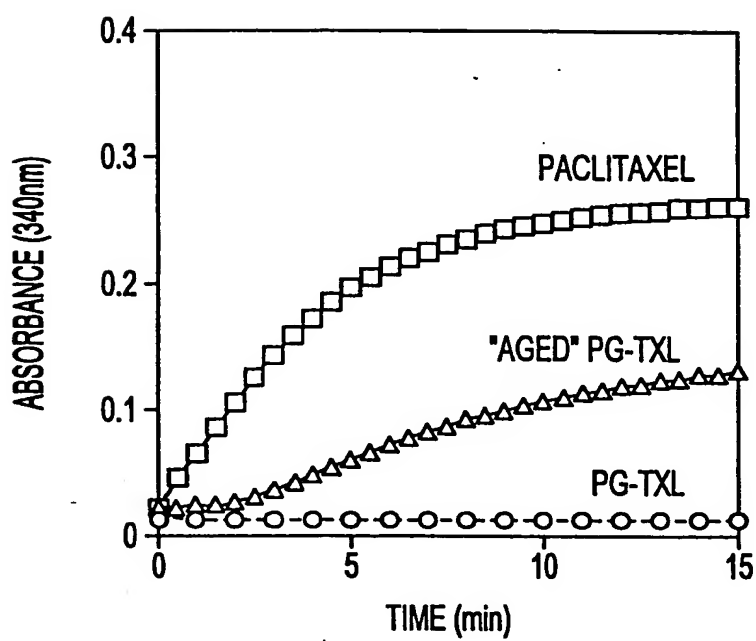


FIG. 10

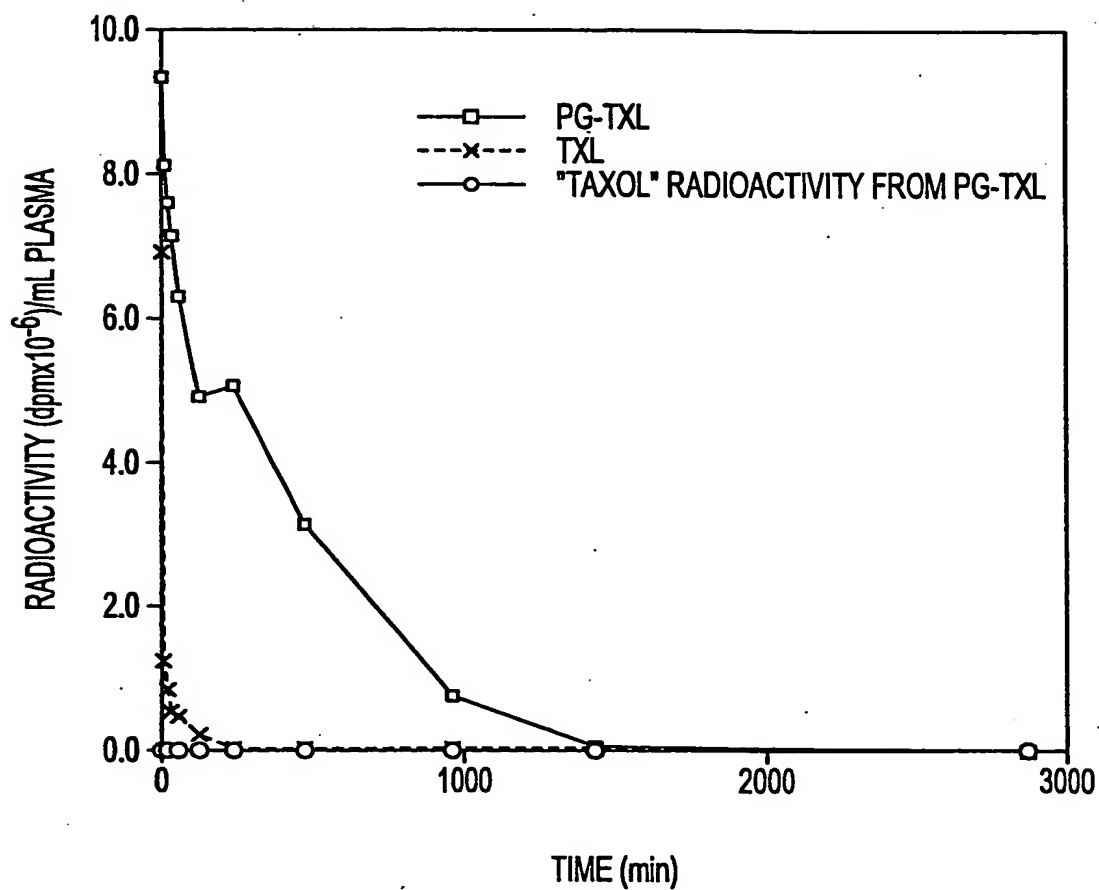


FIG. 11

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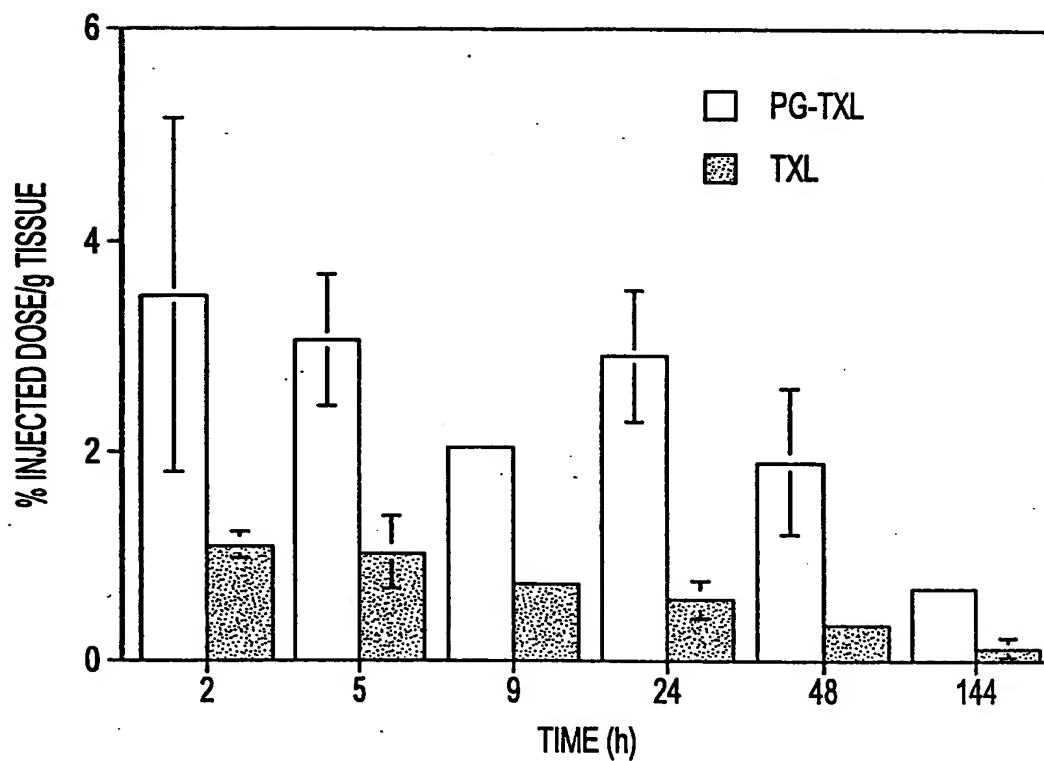


FIG. 12A

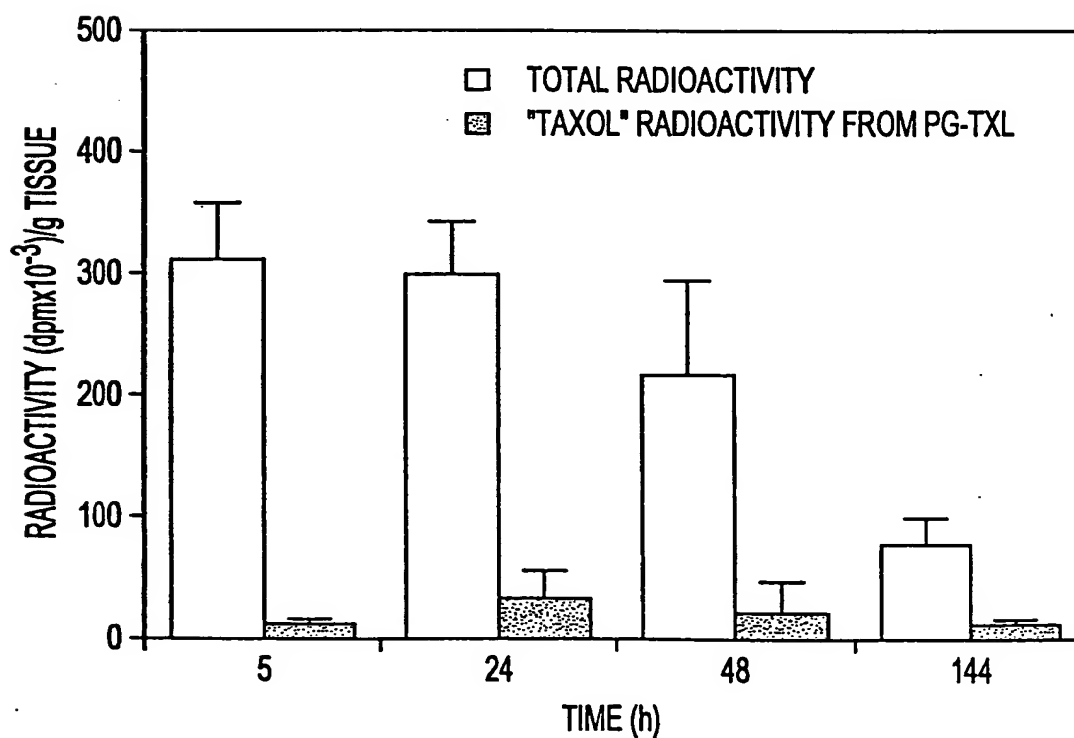


FIG. 12B

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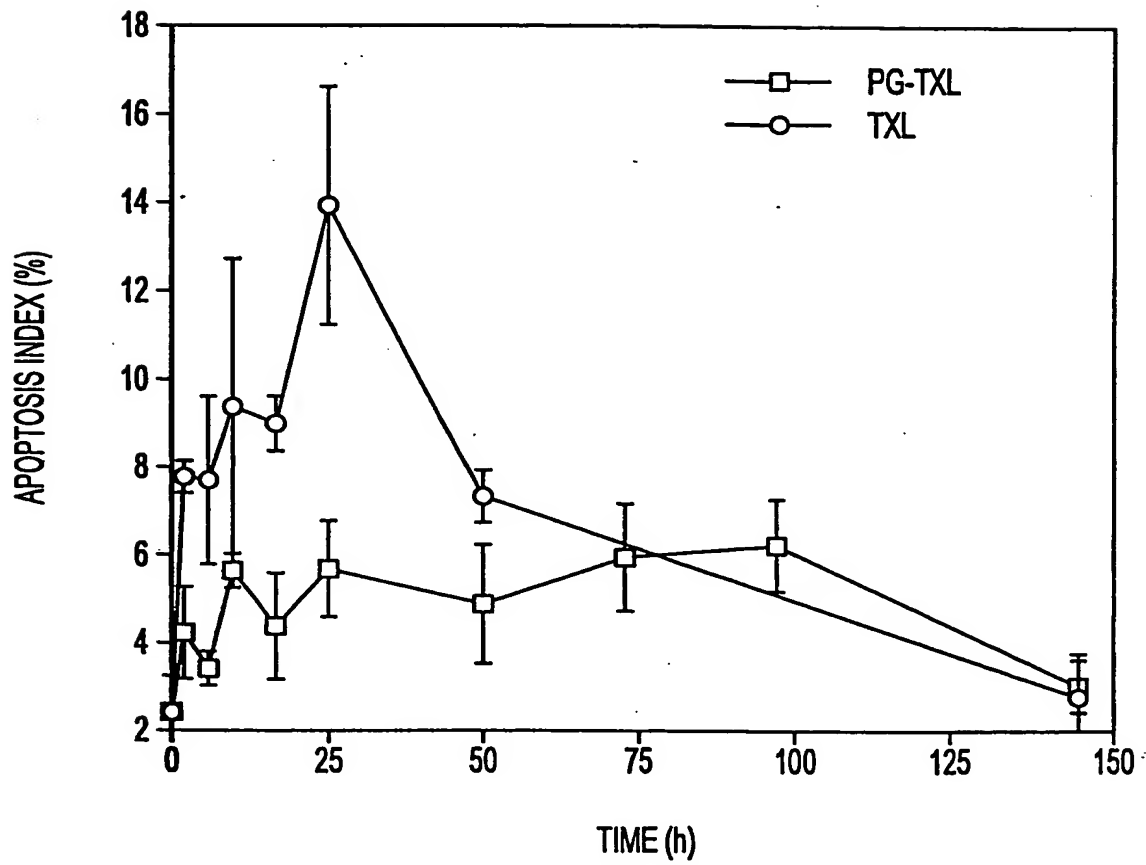


FIG. 13



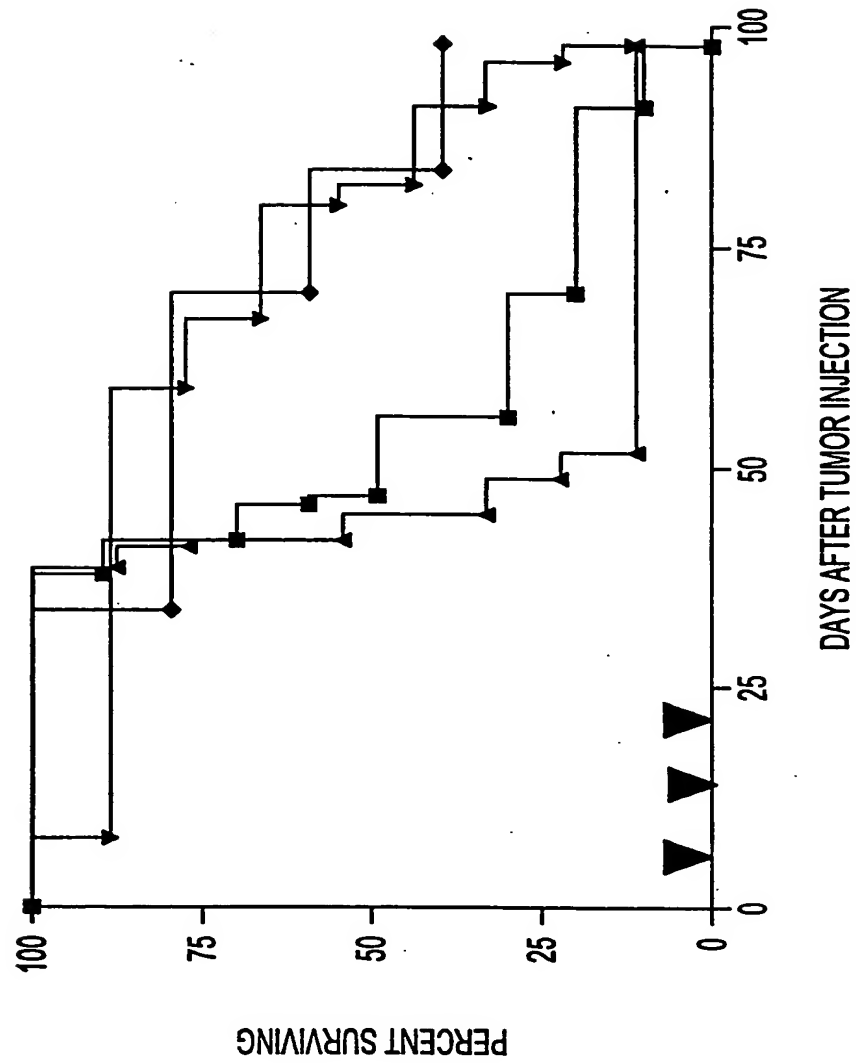


FIG. 14

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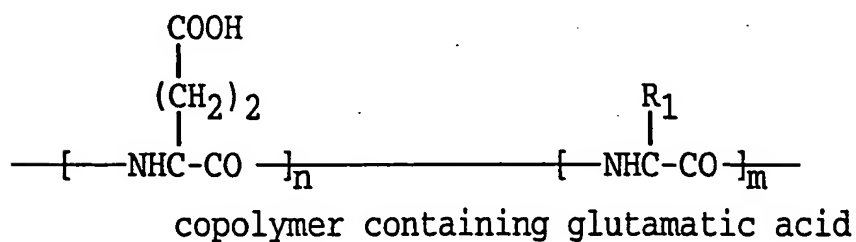
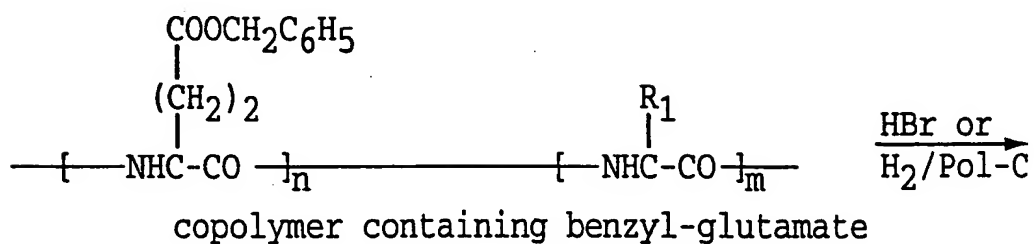
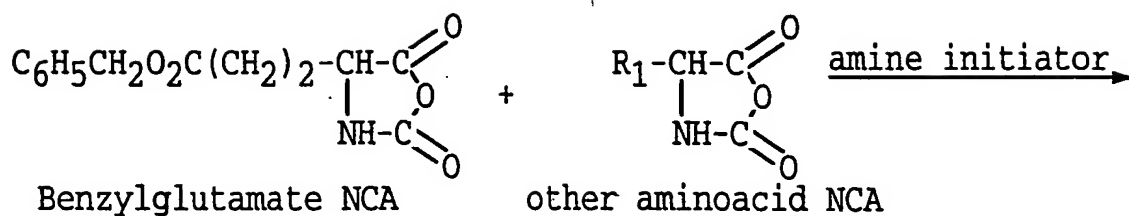


FIG. 15